



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
David Edgar Hauber) Art Unit: 1772
Serial No. 09/332,420) Examiner: A. Chevalier
Filed: June 14, 1999)
FOR: REINFORCED THERMOPLASTIC)
PIPE MANUFACTURE)

AMENDMENT A

RECEIVED

Commissioner of Patents
Box 1450
Washington, D.C. 22313-1450

MAY 16 2003

TC 1700

Sir:

Responsive to the Office Action mailed
January 21, 2003, please further amend all remaining claims
1-3 and 5-9 in the present CPA application as follows:

IN THE CLAIMS

Replace claim 1 to read:

1. A fiber reinforced pipe member comprising an already formed solid thermoplastic pipe length having an outer wall enclosing an inner hollow cavity which includes a plurality of continuous juxtapositioned reinforcement fibers formed with a solid material composition selected from the group consisting of ceramics, metals, carbon, glass compositions and organic polymer thermally bonded to the outer wall surface at a predetermined spatial angle with respect thereto for maximum effectiveness in withstanding the applied internal stress when the reinforced pipe member is subsequently put into service, the continuous fiber having been continuously applied in an unbonded condition while maintaining said already formed pipe member in its hollow condition and the subsequent thermal bonding of the applied fibers only adhering the applied fibers to the outer wall surface of the underlying hollow pipe member without utilizing further adherence agents and while not further melting said underlying pipe length to avoid introducing thermally induced residual stress therein.

7. A plurality of identical fiber reinforced pipe members joined together prior to reinforcement at the ends and each comprising a solid thermoplastic pipe length having an outer wall enclosing an inner hollow cavity, said